



MAIL STOP AF  
PATENT  
0508-1001

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Jacques BARTHOLEYNS

Conf. 1526

Application No. 10/069,575

Group 1651

Filed June 12, 2002

Examiner Ruth A. Davis

HUMANIZED BIOMATERIALS, A PROCESS  
FOR THEIR PREPARATION AND THEIR  
APPLICATIONS

DECLARATION

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I, Dr. Jacques BARTHOLEYNS, hereby declare:

*PAID 11/17/04*  
I am the same Dr. Jacques Bartholeyns named as an inventor in the above-identified patent application. I make this declaration in support of the present application, and to provide evidence in rebuttal to issues raised in the the Official Action of May 12, 2004, that one of ordinary skill in the art would find that NAUGHTON et al. or LEE et al. anticipate or render obvious the claimed invention.

The role of macrophages in tissue repair is believed to be linked to their inflammatory activity, i.e., releasing factors attracting other proliferating cells rather than the macrophages exhibiting a direct action. The fixation of ex vivo differentiated, non-proliferating macrophages to a biomaterial therefore induces indirect effects favoring the proliferation of tissue cells. This is clearly different from NAUGHTON et al. or LEE et al. who are colonizing biomaterials with proliferating